Message

From: Strynar, Mark [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=5A9910D5B38E471497BD875FD329A20A-STRYNAR, MARK]
Sent: 5/14/2019 11:36:14 AM
To: Wetmore, Barbara [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=1c4254231430480db6d8dc22301ef45c-Wetmore, Ba]
CC: McCord, James [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=McCord, James]
Subject: RE: PFAS chemicals mentioned last Thursday
Attachments: Strynar novel PFAS standards for Wetmore.xlsx

Sure Barbara. These analytes were identified by a series of papers that have originated from my lab:
Strynar et al., 2015
Sun et al., 2016 and
McCord and Strynar 2019

In those papers we identify roughly 15 novel PFAS originating from the Chemours waste near Fayetteville, NC (water and air) that have been demonstrated to be present in the Cape Fear river and/or finished drinking water. Four of these analytes have been detected in the serum of people that live in Wilmington, NC and were exposed through drinking water (Nafion BP2, PFO4DA, PFO5DoDA, and Hydro-EVE).

With the exception of GenX, PFMOAA and Nafion BP2, all of the remaining PFAS discovered are only available from standards Chemours supplied to me. The three I mention have commercial sources.

I believe what we could do is offer some TK information as there is no toxicology data for most of these compounds. GenX is the only analyte I am aware of with tox data. The rest of the identified PFAS have a complete lack of any data at this time. In particular I think the ones found in human serum are the most relevant.

Mark

From: Wetmore, Barbara
Sent: Monday, May 13, 2019 8:57 PM
To: Strynar, Mark <Strynar.Mark@epa.gov>
Subject: PFAS chemicals mentioned last Thursday

Mark –

I was thinking that we could roll the chemicals you mentioned last Thursday into a CSS REMD PFAS output. From what you described it sounds directly relevant to state and program partner needs, so would fit nicely in there.

Can you provide me a few lines about how these chemicals were identified, and I can flesh out a product in which we generate the in vitro TK data. We can also potentially generate other tox (or even monitoring?) data, but let's start with that.

Thanks
Barbara

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Barbara A. Wetmore, Ph.D.
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